

Appl. No.: 10/781,490  
Amndt. Dated: October 1, 2004  
Reply to Office Action of July 19, 2004

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

Claim 1 (currently amended): A ceramic capacitor comprising a ceramic dielectric body and at least two spaced-apart electrodes in contact with said body wherein at least 80 weight percent of said body consists of alumina, said body further comprising at least 0.5 BaTiO<sub>3</sub> w/w%, at least 0.5 w/w% MgO, less than  $< 0.05$  w/w% SiO<sub>2</sub>, at least 4.5 w/w% ZrO<sub>2</sub> and at least 0.07 w/w% HfO<sub>2</sub>.

Claim 2 (original): A capacitor according to claim 1 comprising between 0.5 and 15 w/w% BaTiO<sub>3</sub>.

Claim 3 (currently amended): A ceramic capacitor according to claim 1 wherein said ceramic dielectric body comprises between about 80-92 w/w% Al<sub>2</sub>O<sub>3</sub>, about 0.5 and 15 w/w% BaTiO<sub>3</sub>, about 0.5-1.0 w/w% MgO, about less than  $< 0.05$ -1.0 w/w% SiO<sub>2</sub>, about 4.5-7.5 w/w% ZrO<sub>2</sub> and about 0.07-0.13 w/w% HfO<sub>2</sub> and wherein the sum of the components does not exceed 100%.

Claim 4 (original): A ceramic capacitor according to claim 1 wherein said ceramic dielectric body comprises up to 15 w/w% BaTiO<sub>3</sub>, up to 1.0 w/w% MgO, up to 92 w/w% Al<sub>2</sub>O<sub>3</sub>, up to 1 w/w% SiO<sub>2</sub>, up to 7.5 w/w% ZrO<sub>2</sub> and up to 0.125 w/w% HfO<sub>2</sub>.

Claim 5 (currently amended): A ceramic capacitor according to claim 1 wherein said ceramic dielectric body comprises about 90.5 w/w% Al<sub>2</sub>O<sub>3</sub>, 2.5 w/w% BaTiO<sub>3</sub>, less than  $< 0.05$  w/w% SiO<sub>2</sub>, 6 w/w% ZrO<sub>2</sub>, 0.6 w/w% MgO and 0.1 w/w% HfO<sub>2</sub>.

Claim 6 (original): A ceramic capacitor according to claim 1 wherein said ceramic dielectric body comprises about 87 w/w% Al<sub>2</sub>O<sub>3</sub>, 6 w/w% BaTiO<sub>3</sub>  $< 0.05$  w/w% SiO<sub>2</sub>, 6 w/w% ZrO<sub>2</sub>, 0.6 w/w% MgO and 0.1 w/w% HfO<sub>2</sub>.

Claim 7 (original): A ceramic capacitor according to claim 1 wherein said ceramic dielectric body has a dielectric constant of at least 23.